

People attending the interview:

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PROPOSED CLAIMS FOR INTERVIEW 1/11/05

Please amend the claims as follows:

Claims 1-11 (Cancelled).

Claim 12 (Currently Amended): A method of driving an AC plasma display panel, wherein said AC plasma display panel comprises:

n scan electrodes extending in one direction;

m address electrodes, each ~~grade-separately~~ intersecting with said n scan electrodes;

a plurality of sustain electrodes extending parallel to said n scan electrodes; and

n x m discharge cells, each arranged at an intersection between one of said n scan electrodes and one of said m address electrodes in one-to-one correspondence, wherein

said m address electrodes are connected to m/2 first connecting points in two-to-one correspondence, and

said plurality of sustain electrodes includes a first group connected to a first of two second connecting points and a second group connected to a second of said two second connecting points ~~are grouped by being connected to two second connecting points~~,
points,

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said method comprising:

applying a prescribed voltage to one of said n scan electrodes;[[,]]

applying another prescribed voltage in common to two of said m address electrodes connected to one of said m/2 first connecting points;~~and~~

applying a first voltage to said first group; and

applying a second voltage to said second group ~~individually to said two second connecting points~~, thereby causing a desired discharge to select an ON state only in a first of said n x m discharge cells, wherein

said first of said n x m discharge cells corresponds to said one of said n scan electrodes, a first of said two of said m address electrodes connected to said one of said m/2 first connecting points and one of said first group a first of said plurality of sustain electrodes ~~connected to one of said two second connecting points~~ to which said first voltage is applied, and

a second of said n x m discharge cells, which corresponds to said one of said n scan electrodes, a second of said two of said m address electrodes connected to said one of said m/2 first connecting points and one of said second group ~~a second of said plurality of sustain electrodes connected to the other of said two second connecting points~~ to which said second voltage is applied, is selected for an OFF state.

Claim 13 (Currently Amended): The method of driving an AC plasma display panel according to Claim 12, wherein

a first potential difference between said one of said first group of said plurality of sustain electrodes and said one of said n scan electrodes is larger than a second

potential difference between said one of said second group of said plurality of sustain electrodes and said one of said n scan electrodes.

Claim 14 (Previously Presented): The method of driving an AC plasma display panel according to Claim 13, wherein

said second potential difference is substantially zero.

Claim 15 (Currently Amended): The method of driving an AC plasma display panel according to Claim 12, wherein

said first voltage and said second voltage are applied alternately to said first group and said second group ~~two second connecting points~~ in a period when said prescribed voltage is applied to said one of said n scan electrodes.

Claim 16 (Currently Amended): The method of driving an AC plasma display panel according to Claim 12, wherein

in a first addressing period, applying said first voltage and said second voltage to said [[a]] first group and said [[a]] second group ~~of said two second connecting points~~, respectively, said prescribed voltage is successively applied to one of said n scan electrodes to select among said ON state and said OFF state in said n x m discharge cells that correspond to said first group ~~a first part of said plurality of sustain electrodes connected to said first of said two second connecting points~~,

after said first addressing period, in a second addressing period, applying said first voltage and said second voltage to said second group and said first group ~~of said two second connecting points~~, respectively, said prescribed voltage is successively applied to one of said n scan electrodes to select among said ON state and said OFF

state in said n x m discharge cells that correspond to said second group ~~a second part~~ of said plurality of sustain electrodes ~~connected to said second of said two second connecting points~~,

said method further comprising:

applying a prescribed sustain voltage to both of said first and second group ~~two second connecting points~~, after said second addressing period, to cause sustain discharge in said n x m discharge cells that are selected for ON state in said first addressing period or said second addressing period.

Claim 17 (Currently Amended): The method of driving an AC plasma display panel according to Claim 16, further comprising:

forming, after said first addressing period, first auxiliary discharge between said n scan electrodes and said m address electrodes in said n x m discharge cells that belong to said second group ~~second part~~ of said plurality of sustain electrodes in said first addressing period.

Claim 18 (Currently Amended): The method of driving an AC plasma display panel according to Claim 17, further comprising:

forming, after said first addressing period, second auxiliary discharge between said n scan electrodes and said first group of said plurality of sustain electrodes in said n x m discharge cells that are selected to cause said desired discharge in said first addressing period.

Claim 19 (New): The method of driving an AC plasma display panel according to Claim 12, wherein

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said one of said first group of said plurality of sustain electrodes and said one of
said second group of said plurality of sustain electrodes extend parallel to and are
paired with a common ~~said~~ one of said scan electrodes.

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